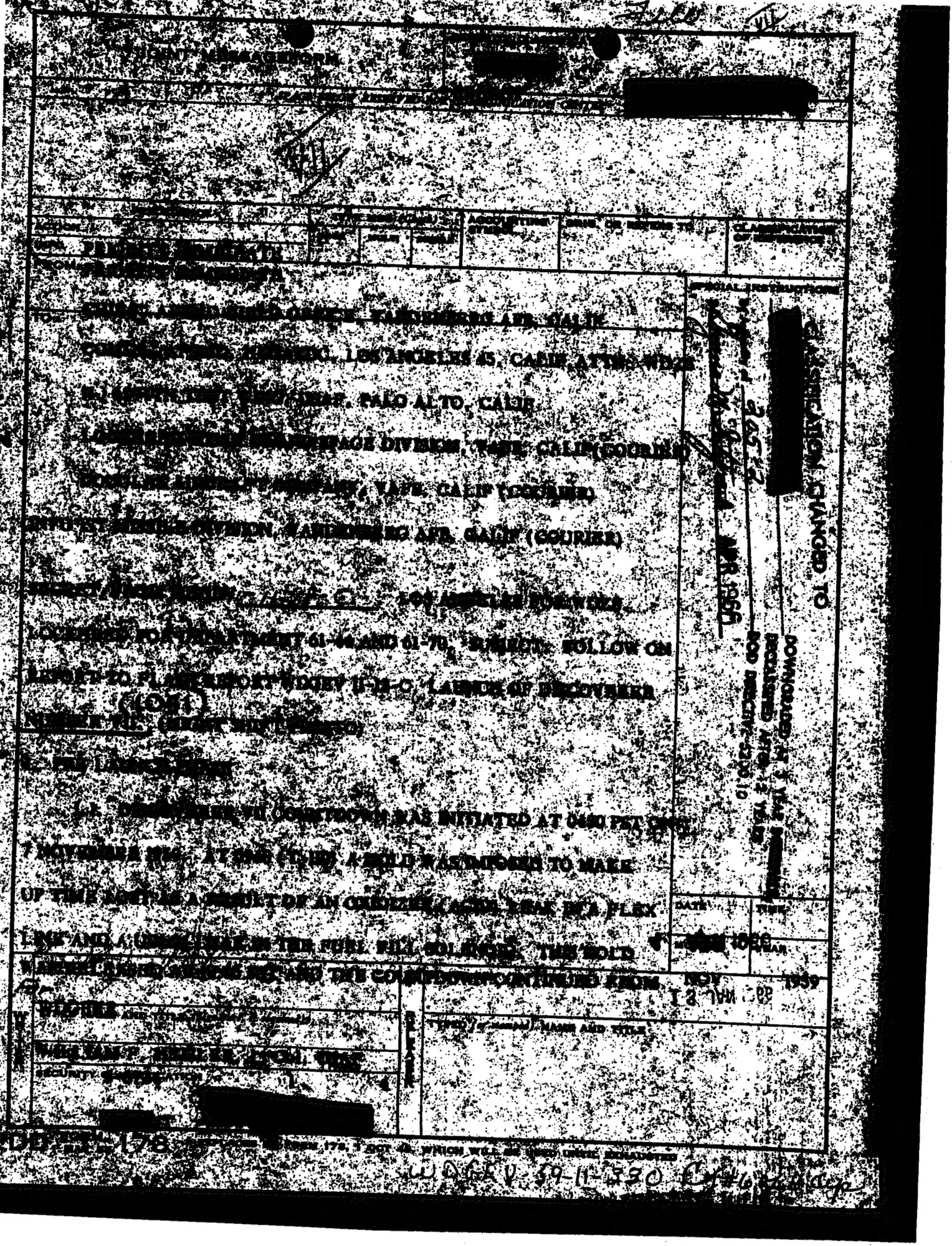

JOINT MESSAGEFORM - CONTINUATION SHEET | SECURITY CLASSIFICATION: [redacted]

FROM:

CHIEF, AFBMD FIELD OFFICE, VANDENBERG AFB, CALIFORNIA [redacted]

T-110 MINUTES. THE COUNT PROCEEDED SMOOTHLY WITHOUT FURTHER INTERRUPTION UNTIL THE END OF PHASE IV DURING THE TERMINAL COUNT. A TECHNICAL HOLD WAS IMPOSED AT THIS TIME FOR TWO MINUTES TO PERMIT THE MISSILE FLIGHT SAFETY SYSTEM RADAR TO ACQUIRE THE AGENA BEACON. THE TERMINAL COUNT WAS THEN CONTINUED AND LIFT OFF OCCURRED AT 12:28 EST.

2. EXIT PHASE.

2.1. DURING THE FIRST PART OF THE LAUNCH PHASE, THE FOLLOWING EVENTS OCCURRED AS FOLLOWS:

LIFT-OFF	12:28:40.5 EST.
MECO	12:31:23.4
VECO	12:31:32.9
SEPARATION	12:31:49.9
ORBITAL STAGE IGNITION	12:32:51.7
ORBITAL STAGE BURNOUT	12:34:51.8

2.2. DURING THE EXIT PHASE NO COMMAND 5 (DELAY IGNITION) WAS SENT. COMMAND 6 (REDUCTION IN VELOCITY TO BE GAINED) WAS SENT AND RECEIVED FOR A DURATION OF 14.1 SECONDS.

2.3. ORBITAL INJECTION VELOCITY WAS 25,915 FEET PER SECOND REFERRED TO THE PAD. INJECTION ALTITUDE ALONG THE VERTICAL WAS 116, 5 NAUTICAL MILES BASED ON THE FT

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10

SYMBOL	PAGE NO.	NO. OF PAGES	SECURITY CLASSIFICATION	INITIALS
WDGBVR	2	4	[redacted]	

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JOINT MESSAGEFORM - CONTINUATION SHEET | SECURITY CLASSIFICATION: [redacted]

FROM: CHIEF, AFSMD FIELD OFFICE, VANDENBERG AFB, CALIFORNIA [redacted]

MUGU RADAR CHART: FLIGHT DEPARTURE AZIMUTH WAS APPROXIMATELY 176 DEGREES BASED ON THE VAFB SKYSCREEN STRIP CHART, THE RANGE SAFETY RADAR CHARTS AT VAFB AND THE FPS-16 RADAR PLOT AT VAFB.

2.4. THE INJECTION ANGLE, ALTHOUGH DIFFICULT TO READ ACCURATELY FROM THE CHARTS IS ESTIMATED AT 9.0 DEGREES FROM THE HORIZONTAL.

3. RADAR AND TELEMETRY

3.1. GOOD TRACK WAS ACHIEVED BY THE LMSD FT MUGU RADAR FROM ACQUISITION TILL FADE AT T-437 SECONDS. THE LMSD VAFB RADAR HAD GOOD TRACK UNTIL IT WENT PASSIVE AT T-180 SECONDS.

3.2. TELEMETRY AND RECORDING WERE SATISFACTORY AT BOTH VAFB AND FT MUGU. THE DOWN RANGE TELEMETRY SHIP RECEPTION WAS ACQUIRED FROM T-300 AND LOST AT 600.

4. FOLLOW ON TO PRIMARY OBJECTIVES:

4.1. PRIMARY OBJECTIVE 3.3. AS NOTED IN THE FLASH REPORT WAS NOT ACHIEVED DUE TO FAILURE OF THE 400 CYCLE POWER.

4.2. PRIMARY OBJECTIVE 3.4. C AS NOTED IN THE FLASH REPORT WAS NOT ACHIEVED DUE TO THE 400 CYCLE POWER FAILURE.

4.3. ALL OTHER PRIMARY OBJECTIVES OF THE LAUNCH PHASE WERE ACHIEVED.

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SYMBOL	PAGE NR	NR OF PAGES	SECURITY CLASSIFICATION	INITIALS
WDGEVR	3	4	[redacted]	JW

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60 DCCV-59-11-350 Ofc #6 12.6 GB

JOINT MESSAGEFORM - CONTINUATION SHEET | SECURITY CLASSIFICATION [redacted]

FROM: [redacted]

CHIEF, AFMTC FIELD OFFICE, VANDENBERG AFB, CALIFORNIA

5. PAD DAMAGES:

THIS WAS THE FIFTH LAUNCH FROM PAD 4. PAD DAMAGE WAS GREATER THAN THE LAST LAUNCH FROM THIS PAD, BUT NOT EXCESSIVE. A 7 DAY RECOVERY TIME IS ESTIMATED, INCLUDING THE REPLACEMENT OF THE UPPER LAUNCH MOUNT. THE SHORT DEFLECTOR PLATES USED ON THE LAUNCH MOUNT WERE NOT AS EFFECTIVE AS THE DEFLECTORS USED PREVIOUSLY. THE PRIME ITEMS SUSTAINING DAMAGE ARE AS FOLLOWS:

A. LOX START TANK VENT HARD LINE DAMAGED

B. INSULATION BLOWS OF LOX LINE BETWEEN MISSILE AND VALVE COMPLEX.

C. AIR CONDITIONING LINE TO ENGINE SECTION WAS DESTROYED.

D. TWO FLEX LINES DAMAGED. SOME DAMAGE TO TRANSPORTER HARD HYDRAULIC LINES.

E. UPPER LAUNCH MOUNT WARPED AT JACK END

F. DEFLECTORS WARPED

G. TRUNION BEALS BURNED

H. JUNCTION BOX ON LOWER LAUNCH MOUNT BLEW OPEN

I. OTHER MISCELLANEOUS BUT NORMAL DAMAGE OCCURRED.

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SYMBOL	PAGE NR	NR OF PAGES	SECURITY CLASSIFICATION	INITIALS
WDGEVR	4	4	[redacted]	jw

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